Electronic Information Disclosure Statement

#6



Backplane interface adapter with error control and redundant fabric

Application: 09/988066

Confirmation: 7739

Applicant(s): Ronak Patel

Docket Number: 1988.0060006

Group Art Unit:

Examiner:

search string: (5815146 or 5915094 or 6333929 or 5430442 or 6038288 or 6151301 or 5870538).pn.

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US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
	P01	5815146	1998-09-29		Youden et al.		
	P02	5915094	1999-06-22		Kouloheris et al.		
	P03	6333929	2001-12-25		Drottar et al.		
	P04	5430442	1995-07-04		Kaiser et al.		
	P05	6038288	2000-03-14		Thomas et al.		
	P06	6151301	2000-11-21		Holden		
	P07	5870538	1999-02-09		Manning et al.		

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Signature

Examiner Name	Date

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2661



Electronic Filing System (EFS) Data

Electronic Patent Application Submission

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EFS ID:	18099
Application ID:	09988066
Title of Invention:	Backplane interface adapter with error control and redundant fabric
First Named Inventor:	Ronak Patel
Domestic/Foreign Application:	Domestic Application
Filing Date:	2002-09-19
Effective Receipt Date:	2002-09-20
Submission Type:	Information Disclosure Statement
Filing Type:	null
Confirmation Number:	7739
Attorney Docket Number:	1988.0060006
Digital Certificate Holder:	cn=Michael V. Messinger, ou=Registered Attorneys, ou=Patent and Trademark Office, ou=Department of Commerce, o=U.S. Government, c=US
Certificate Message Digest:	ijH5tyyMqynW56IKj34GTA==

OIPE JC149
SEP 20 2002
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TRANSMITTAL FORM

Electronic Version 1.0.3

Stylesheet Version: 1.0

Submission Type: Information Disclosure Statement

Application Number: 09/988,066

Attorney Docket Number: 1988.0060006

Backplane interface adapter with error control and redundant fabric

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First Named Inventor: Ronak Patel

SUBMITTED BY

Name:	Michael V. Messinger
Registration Number:	37,575
Electronic Signature Mark: /mvm/	Date Signed: 20020920

I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

us-information-disclosure-statement	IDS19880060006ids.xml

Comments:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



#6

In re application of:	Confirmation No. 7958
Andrew Chang *et al.*	Art Unit: 2661
Appl. No. 09/855,038	Examiner: *to be assigned*
Filed: May 15, 2001	Atty. Docket: 1988.0060002
For: **Backplane Interface Adapter**	

Information Disclosure Statement

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Commissioner for Patents
Washington, D.C. 20231

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

Applicants have checked the appropriate boxes below.

☐ 1. Statement under 37 C.F.R. 1.704(d). Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this information disclosure statement.

☒ 2. Filing under 37 C.F.R. § 1.97((b). This Information Disclosure Statement is being filed within three months of the date of filing of a national application other than a continued prosecution application (CPA), OR within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application, OR before the mailing date of a first Office Action on the merits OR before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No statement or fee is required.

☐ 3. Filing under 37 C.F.R. § 1.97(c). This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection, or Notice of Allowance, or an action that otherwise closes prosecution in the application.

☐ a. Statement under 37 C.F.R. § 1,97(e)(1). I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to

the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).

☐ b. Statement under 37 C.F.R. § 1,97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).

☐ c. Attached is our Check No. _____ in the amount of $ _____ in payment of the fee under 37 C.F.R. § 1.17(p).

☐ 4. Filing under 37 C.F.R. § 1.97(d) This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Enclosed find our Check No. _____ in the amount of $ _____ in payment of the fee under 37 C.F.R. § 1.17(p); in addition:

☐ a. Statement under 37 C.F.R. § 1,97(e)(1). I hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).

☐ b. Statement under 37 C.F.R. § 1,97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).

□ 5. The document(s) was/were cited in a search report by a foreign patent office in a counterpart foreign application. Submission of an English language version of the search report that indicates the degree of relevance found by the foreign office is provided in satisfaction of the requirement for a concise explanation of relevance. 1138 OG 37, 38.

□ 6. A concise explanation of the relevance of the non-English language document(s) appears below:

□ 7. Copies of the documents were cited by or submitted to the Office in an IDS that complies with 37 C.F.R. § 1.98(a)-(c) in Application No. _____, filed _____, which is relied upon for an earlier filing date under 35 U.S.C. § 120. Thus, copies of these documents are not attached. 37 C.F.R. § 1.98(d).

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Michael V. Messinger
Attorney for Applicants
Registration No. 37,575

Date: 9/20/2002

1100 New York Avenue, N.W.
Suite 600
Washington, D.C. 20005-3934
(202) 371-2600

IPE JC188 SEP 20 2002 PATENT & TRADEMARK OFFICE

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.	APPLICATION NO.
1988.0060002	09/855,038
APPLICANTS: Andrew Chang *et al.*	
FILING DATE: May 15, 2001	GROUP: 2661

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA1						
	AB1						
	AC1						
	AD1						
	AE1						
	AF1						
	AG1						
	AH1						
	AI1						
	AJ1						
	AK1						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL1						Yes No
	AM1						Yes No
	AN1						Yes No
	AO1						Yes No
	AP1						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	1	"Foundry Networks, Inc. - BigIron 4000, Layer 2 & Layer 3 Interoperability Evaluation," The Tolly Group, No. 199133, October, 1999, 4 pages.
	AS	1	"Foundry Networks, Inc. - BigIron 8000 Gigabit Ethernet Switching Router, Layer 2 & Layer 3 Performance Evaluation," The Tolly Group, No. 199111, May, 1999, 4 pages.
	AT	1	"Lab Testing Summary Report - Product Category: Layer-3 Switches, Vendor Tested: Foundry Networks, Product Tested: BigIron 4000," Mier Communications, Inc., Report No. 231198, October, 1998, 6 pages.

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.	APPLICATION NO.
1988.0060002	09/855,038
APPLICANTS: Andrew Chang *et al.*	
FILING DATE: May 15, 2001	GROUP: 2661

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA2						
	AB2						
	AC2						
	AD2						
	AE2						
	AF2						
	AG2						
	AH2						
	AI2						
	AJ2						
	AK2						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL2						Yes No
	AM2						Yes No
	AN2						Yes No
	AO2						Yes No
	AP2						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	2	"Lab Testing Summary Report - Product Category: Gigabit Backbone Switches, Vendor Tested: Foundry Networks, Product Tested: BigIron 4000," Mier Communications, Inc., Report No. 210998, September, 1998, 6 pages.
	AS	2	"Switch Fabric Chipset - CX27300 iScale™," Mindspeed - A Conexant Business, April 30, 2001, 2 pages.
	AT	2	"17X17 3.2 Gbps Crosspoint Switch with Input Equalization - M21110," Mindspeed - A Conexant Business, February 1, 2001, 2 pages.

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.	APPLICATION NO.
1988.0060002	09/855,038
APPLICANTS: Andrew Chang *et al.*	
FILING DATE: May 15, 2001	GROUP: 2661

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA3						
	AB3						
	AC3						
	AD3						
	AE3						
	AF3						
	AG3						
	AH3						
	AI3						
	AJ3						
	AK3						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL3						Yes No
	AM3						Yes No
	AN3						Yes No
	AO3						Yes No
	AP3						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	3	"Switch Fabrics Touted At Interconnects Conference," by Craig Matsumoto, EE Times; August 21, 2000, 2 pages.
	AS	3	"BigIron Architecture Technical Brief," Foundry Networks, May, 1999 - Version 2.01, 15 pages.
	AT	3	"Mindspeed™ Switch Fabric Offers the Most Comprehensive Solution for Multi-Protocol Networking Equipment," editorial contacts, Roman Kichorowsky & Roslyn Whitehurst; April 30, 2001, 3 pages.

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.	APPLICATION NO.
1988.0060002	09/855,038
APPLICANTS: Andrew Chang *et al.*	
FILING DATE: May 15, 2001	GROUP: 2661

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA4						
	AB4						
	AC4						
	AD4						
	AE4						
	AF4						
	AG4						
	AH4						
	AI4						
	AJ4						
	AK4						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL4						Yes No
	AM4						Yes No
	AN4						Yes No
	AO4						Yes No
	AP4						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	4	"BigIron Architecture Technical Brief," Foundry Networks, July 2001 - Version 2.02, 16 pages.
	AS	4	"BigIron Architecture Technical Brief," Foundry Networks, May 1999 - Version 2.0, 15 pages.
	AT	4	"BigIron Architecture Technical Brief," Foundry Networks, December 1998 - Version 1.03, 14 pages.

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.	APPLICATION NO.
1988.0060002	09/855,038
APPLICANTS: Andrew Chang *et al.*	
FILING DATE: May 15, 2001	GROUP: 2661

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA5						
	AB5						
	AC5						
	AD5						
	AE5						
	AF5						
	AG5						
	AH5						
	AI5						
	AJ5						
	AK5						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL5						Yes No
	AM5						Yes No
	AN5						Yes No
	AO5						Yes No
	AP5						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	5	"BigIron Architecture Technical Brief," Foundry Networks, October 1998 - Version 1.02, 15 pages.
	AS	5	"BigIron Architecture Technical Brief," Foundry Networks, October 1998 - Version 1.0, 15 pages.
	AT	5	

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

GP 2661

Sterne Kessler Goldstein Fox
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September 20, 2002

WRITER'S DIRECT NUMBER:
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Commissioner for Patents
Washington, D.C. 20231

Art Unit 2661

Re: U.S. Patent Application
Appl. No. 09/855,038; Filed: May 15, 2001
For: **Backplane Interface Adapter**
Inventors: Andrew Chang *et al.*
Our Ref: 1988.0060002

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Technology Center 2600

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Information Disclosure Statement;
2. Form PTO-1449, listing and enclosing 14 documents; and
3. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Michael V. Messinger
Attorney for Applicants
Registration No. 37,575

SKGF_DC1:57756.1